

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 117 | battery and charg\$3 and display and (micro \$1processor or micro \$1computer or CS1PS1U\$1) and ((test\$3 or monitor\$3 or detect\$3 or sens\$3 or measur\$3) with battery) and ((test\$3 or detect\$3) with starter) and (vehicle or car or automobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 15:51 |
| S2 | 19 | S1 and conductance and resistance and impedance and admittance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:18 |
| S3 | 68 | S1 and cranking | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:18 |
| S4 | 31 | S1 and (bad with (battery or cell)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:19 |
| S5 | 59 | S1 and (idle or quiescent or (no with load)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/11/15 08:54 |
| S6 | 87 | S1 and temperature | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:20 |
| S7 | 11 | S1 and (surface with charge) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:21 |
| S8 | 6 | S2 and S3 and S4 and S5 and S6 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/15 20:21 |
| S10 | 816 | (324/426).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/16 15:18 |
| S11 | 9 | ("6885195") or ("6445158") or ("6351102") or ("6091245") or ("6051976").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/11/24 16:10 |

| | | | | | | |
|-----|-----|--|--|----|----|------------------|
| S12 | 11 | (micro\$1processor or micro \$1computer or CPU or micro \$1controller) and (battery or accumulator) and (test\$3 or measur\$3 or sens\$3 or monitor\$3) and starter and display and (conductance or resistance or impedance or admittance) and ((cranking with voltage) or CCV) and (idl \$3 or quiescent or parked) and load and temperature and (capacity or SOC or state \$1of\$1charge) and rating and (faulty or bad or replace) and (good or recharge or fully) and (analog \$1to\$1digital or A\$1D) and (amplifier or boost or flyback) and (vehicle or car or automobile or transportation) | US-PPGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/11/24 16:21 |
| S13 | 279 | ("2514745" "3356936" "3562634" "3593099" "3607673" "3676770" "3729989" "3753094" "3808522" "3811089" "3873911" "3876931" "3886443" "3889248" "3906329" "3909708" "3936744" "3946299" "3947757" "3969667" "3979664" "3984762" "3984768" "3989544" "4008619" "4024953" "4053824" "4070624" "4086531" "4112351" "4114083" "4126874" "4178546" "4193025" "4207611" "4217645" "4315204" "4316185" "4322685" "4363407" "4369407" "4379989" "4379990" "4390828" "4392101" "4396880" "4408157" "4412169" "4423378" "4423379" "4424491" "4459548" "4514694" "4520353" "4633418" "4659977" "4663580" "4667143" "4667279" "4678998" "4679000" "4680528" "4697134" "4707795" "4709202" "4710861" "4719428" "4743855" "4745349" "4816768" | US-PPGPUB; USPAT; USOOR | OR | ON | 2006/11/24 16:26 |

| | |
|------------|-----------|
| "4820966" | "4825170" |
| "4847547" | "4849700" |
| "4876495" | "4881038" |
| "4912416" | "4913116" |
| "4929931" | "4931738" |
| "4937528" | "4947124" |
| "4956597" | "4968941" |
| "4968942" | "5004979" |
| "5032825" | "5047722" |
| "5087881" | "5126675" |
| "5140269" | "5144218" |
| "5144248" | "5160881" |
| "5170124" | "5179335" |
| "5204611" | "5214370" |
| "5214385" | "5241275" |
| "5254952" | "5266880" |
| "5281919" | "5281920" |
| "5295078" | "5298797" |
| "5300874" | "5302902" |
| "5315287" | "5321626" |
| "5331268" | "5336993" |
| "5338515" | "5339018" |
| "5343380" | "5347163" |
| "5352968" | "5365160" |
| "5365453" | "5381096" |
| "5412323" | "5426371" |
| "5426416" | "5432426" |
| "5434495") | FN. OR |
| ("5435185" | "5442274" |
| "5445026" | "5449996" |
| "5449997" | "5451881" |
| "5457377" | "5469043" |
| "5485090" | "5488300" |
| "5519383" | "5528148" |
| "5537967" | "5546317" |
| "5548273" | "5550485" |
| "5561380" | "5562501" |
| "5572136" | "5574355" |
| "5583416" | "5585728" |
| "5589757" | "5592093" |
| "5596260" | "5598098" |
| "5602462" | "5606242" |
| "5621298" | "5633985" |
| "5642031" | "5650937" |
| "5652501" | "5656920" |
| "5675234" | "5677077" |
| "5699050" | "5701089" |
| "5705929" | "5710503" |
| "5717336" | "5717937" |
| "5739667" | "5747909" |
| "5757192" | "5760587" |
| "5773978" | "5789899" |
| "5793359" | "5808469" |
| "5821756" | "5825174" |
| "5831435" | "5862515" |
| "5872443" | "5895440" |
| "5914605" | "5929609" |
| "5939855" | "5939861" |

| | | | | | | |
|-----|-----|--|---------------------------|----|----|---------------------|
| | | "5945829" "5969625" "6002238" "6008652" "6009369" "6031354" "6037751" "6037777" "6051976" "6072299" "6072300" "6081098" "6091245" "6094033" "6104167" "6114834" "6137269" "6150793" "6163156" "6172483" "6172505" "6222369" "6225808" "6249124" "6250973" "6254438" "6259254" "6262563" "6294896" "6294897" "6304087" "6310481" "6313607" "6313608" "6316914" "6323650" "6329793" "6331762" "6332113" "6351102").PN. OR ("6445158").URPN. | | | | |
| S14 | 56 | ("4937528" "5321627" "5381096" "5404106" "5635842" "5672951" "5680050" "5705929" "5721688" "5744962" "5751217" "5761072" "5828218" "5900734" "6091228" "6097193").PN. OR ("6424157").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/11/24 16:27 |
| S15 | 256 | ("2514745" "3356936" "3562634" "3593099" "3607673" "3676770" "3729989" "3753094" "3808522" "3811089" "3873911" "3876931" "3886443" "3889248" "3906329" "3909708" "3936744" "3946299" "3947757" "3969667" "3979664" "3984762" "3984768" "3989544" "4008619" "4024953" "4053824" "4070624" "4086531" "4112351" "4114083" "4126874" "4178546" "4193025" "4207611" "4217645" "4315204" "4316185" "4322685" "4363407" "4369407" "4379990" "4390828" "4392101" "4396880" "4408157" "4412169" "4423378" "4423379" "4424491" "4459548" "4514694" "4520353" "4633418" | US-PGPUB; USPAT; USOOR | OR | ON | 2006/11/24 16:27 |

| | |
|----------------|-----------|
| "4659977" | "4667279" |
| "4678998" | "4679000" |
| "4697134" | "4707795" |
| "4709202" | "4710861" |
| "4719428" | "4743855" |
| "4745349" | "4816756" |
| "4816768" | "4820966" |
| "4825170" | "4849700" |
| "4876495" | "4881038" |
| "4912416" | "4913116" |
| "4929931" | "4931738" |
| "4937528" | "4947124" |
| "4956597" | "4968941" |
| "4968942" | "5004979" |
| "5032825" | "5047722" |
| "5087881" | "5126675" |
| "5140269" | "5144218" |
| "5144248" | "5160881" |
| "5170124" | "5179335" |
| "5204611" | "5214370" |
| "5214385" | "5241275" |
| "5254952" | "5266880" |
| "5281919" | "5281920" |
| "5295078" | "5298797" |
| "5300874" | "5302902" |
| "5315287" | "5321626" |
| "5331268" | "5336993" |
| "5338515" | "5339018" |
| "5343380" | "5347163" |
| "5352968" | "5365160" |
| "5365453" | "5381096" |
| "5412323" | "5426371" |
| "5426416" | "5432426" |
| "5434495" | "5442274" |
| "5449996" | "5449997" |
| "5451881").PN. | OR |
| "5457377" | "5469043" |
| "5485090" | "5488300" |
| "5519383" | "5528148" |
| "5537967" | "5546317" |
| "5548273" | "5550485" |
| "5561380" | "5562501" |
| "5572136" | "5574355" |
| "5583416" | "5585728" |
| "5589757" | "5592093" |
| "5596260" | "5598098" |
| "5602462" | "5606242" |
| "5621298" | "5642031" |
| "5650937" | "5652501" |
| "5656920" | "5675234" |
| "5677077" | "5699050" |
| "5701089" | "5705929" |
| "5710503" | "5717336" |
| "5717937" | "5747909" |
| "5757192" | "5760587" |
| "5773978" | "5789899" |
| "5793359" | "5808469" |
| "5821756" | "5825174" |

| | | | | | | |
|-----|-----|---|--|----|-----|---------------------|
| | | "5831435" "5862515" "5872443" "5895440" "5914605" "5929609" "5939855" "5939861" "5945829" "5969625" "6002238" "6008652" "6009369" "6031354" "6037751" "6037777" "6051976" "6072299" "6072300" "6081098" "6091245" "6094033" "6104167" "6114834" "6137269" "6150793" "6163156" "6172483" "6172505" "6250973" "6254438" "6304087" "6310481" "6313607" "6313608" "6316914").PN. OR ("6351102").URPN. | | | | |
| S16 | 104 | ("3673588" "4247813" "4258421" "4310888" "4316134" "4334425" "4342022" "4402054" "4628872" "4678998" "4757463" "4843575" "4891971" "4929931" "4937528" "4939502" "4965549" "4978291" "4990885" "5003478" "5003479" "5012421" "5034889" "5056023" "5063513" "5072391" "5091856").PN. OR ("5450321").URPN. | US-PGPUB; USPAT; USOOR | OR | ON | 2006/11/24 16:32 |
| S17 | 357 | (320/104).OCLS. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/11/24 16:33 |
| S18 | 732 | (320/132).OCLS. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/11/24 16:55 |
| S20 | 38 | ((5369364) or ("6016047") or ("6215275") or ("6449726") or ("6777945") or ("20030194672") or ("20030036909") or ("RE37677") or ("6091238") or ("5780974") or ("5912534") or ("5614788") or ("5661368") or ("5081565") or ("20040049361") or ("20040051533") or ("20040054503") or ("4926330") or ("4949046") | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/24 17:26 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| | | or ("5321627") or ("5872453") or ("6037778") or ("6061638") or ("6275008") or ("6359442") or ("6384608") or ("6388448") or ("6396278") or ("6570385") or ("6629054") or ("D442503") or ("20020030495") or ("4352067") or ("4360780") or ("4723656") or ("4874679") or ("5432025") or ("5707015").PN. | | | | |
| S21 | 37 | ((2514745") or ("3593099") or ("3607673") or ("3729989") or ("3753094") or ("3808522") or ("3811089") or ("3873911") or ("3886443") or ("3889248") or ("3906329") or ("3909708") or ("3936744") or ("3946299") or ("3947757") or ("3969667") or ("3979664") or ("3984762") or ("3984768") or ("4008619") or ("4053824") or ("4070624") or ("4086531") or ("4112351") or ("4114083") or ("4126874") or ("4178546") or ("4193025") or ("4207611") or ("4315204") or ("4316185") or ("4322685") or ("4363407") or ("4369407") or ("4412169").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/24 17:50 |
| S22 | 67 | ((4390828") or ("4392101") or ("4396880") or ("4408157") or ("4423378") or ("4423379") or ("4424491") or ("4459548") or ("4514694") or ("4520353") or ("4667279") or ("4678998") or ("4679000") or ("4697134") or ("4707795") or ("4709202") or ("4710861") or ("4719426") or ("4743855") or ("4816768") or ("4820966") or ("4825170") or ("4849700") or ("4881038") or ("4912416") or ("4929931") or ("4931738") or ("4947124") or ("4956597") or ("4968941") or | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/24 18:15 |

| | | | | | | |
|-----|----|---|---------------------------|----|-----|---------------------|
| | | | | | | |
| | | | | | | |
| | | <p>("5004979") or ("5032825") or ("5047722") or ("5087881") or ("5126675") or ("5140269") or ("5144248") or ("5170124") or ("5204611") or ("5214370") or ("5214385") or ("5241275") or ("5254952") or ("5281919") or ("5281920") or ("5295078") or ("5298797") or ("5300874") or ("5302902") or ("5331268") or ("5336993") or ("5352968") or ("5343380") or ("5365160") or ("5365453") or ("5381096") or ("5426371") or ("5432426") or ("5434495") or ("5442274") or ("5457377") or ("5449996") or ("5449997") or ("5485090") or ("5519383") or ("5528148") or ("5550485") or ("5561380")). PN.</p> | | | | |
| S23 | 57 | <p>("5562501") or ("5572136") or ("5574355") or ("5585728") or ("5592093") or ("5596260") or ("5598098") or ("5602462") or ("5606242") or ("5621298") or ("5642031") or ("5650937") or ("5652501") or ("5675234") or ("5677077") or ("5699050") or ("5701089") or ("5717336") or ("5757192") or ("5773978") or ("5789899") or ("5793359") or ("5821756") or ("5831435") or ("5872443") or ("5914605") or ("5945829") or ("3356936") or ("5488300") or ("6002238") or ("6037777") or ("6051976") or ("6081098") or ("6091245") or ("6104167") or ("6137269") or ("3562634") or ("4379990") or ("5144218") or ("5315287") or ("5469043") or ("5546317") or ("5583416") or ("5589757") or ("5656920") or ("5710503") or ("5760587") or ("5808469") or</p> | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/25 18:09 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| | | ("6008652") or ("6009369") or ("6031354") or ("6037751") or ("6072299") or ("6094033") or ("6163156") or ("6172483") or ("6172505").PN. | | | | |
| S24 | 74 | ("3989544") or ("4745349") or ("4876495") or ("4937528") or ("4968942") or ("5179335") or ("5266880") or ("5451881") or ("5705929") or ("5717937") or ("5862515") or ("5895440") or ("5929609") or ("6072300") or ("4659977") or ("4913116") or ("5160881") or ("5338515") or ("5537967") or ("5548273") or ("5747909") or ("6114834") or ("6150793") or ("3876931") or ("5347163") or ("5939861") or ("5339018") or ("5412323") or ("5426416") or ("5825174") or ("5939855") or ("5254952") or ("4217645") or ("4633418") or ("5321626") or ("5969625") or ("6222369") or ("6225808") or ("6249124") or ("6259254") or ("6262563") or ("6294896") or ("6294897") or ("4379989") or ("4680526") or ("5633985") or ("5739667") or ("4024953") or ("6250973") or ("6254438") or ("6304087") or ("6310481") or ("6313607") or ("6313608") or ("6316914") or ("5435185") or ("5445026") or ("4667143") or ("4847547") or ("5574355") or ("4663580") or ("6323650") or ("6329793") or ("6331762") or ("6332113") or ("4297639") or ("5653659") or ("6161640") or ("4351405") or ("6359441") or ("4047091") or ("5653659") or ("5637978") or ("5095223") or ("5194799") or ("5754417")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/11/25 19:02 |

| | | | | | | |
|-----|----|--|------------------------|----|-----|------------------|
| S25 | 51 | ((5818234") or ("6140797") or ("6181545") or ("6346795") or ("6347958") or ("6351102") or ("6359441") or ("6363303") or ("5037778") or ("6144185") or ("5711648") or ("5927938") or ("5951229") or ("5961561") or ("5961604") or ("6236332") or ("6351102") or ("5821757") or ("6167349") or ("4665370") or ("4361809") or ("6392414") or ("6417669") or ("6424158") or ("6441585") or ("6445158") or ("6384608") or ("6388448") or ("6307349") or ("6411098") or ("6456045") or ("6466025") or ("6466026") or ("4564798") or ("5563496") or ("5796239") or ("4888716") or ("6495990") or ("4385269") or ("4686442") or ("6061638") or ("6359442") or ("5541489") or ("6424157") or ("6534993") or ("6544078") or ("6556019") or ("6566883") or ("6586941") or ("6597150") or ("20020171428") or ("6263268").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/25 19:05 |
| S26 | 70 | ((5410754") or ("5654623") or ("6055468") or ("20030025481") or ("5313152") or ("20030184306") or ("20040000891") or ("3750011") or ("5159272") or ("5325041") or ("6526361") or ("6667624") or ("20020010558") or ("20020176010") or ("3652341") or ("5747967") or ("6628011") or ("5780980") or ("5412308") or ("6222342") or ("6679212") or ("5850113") or ("6242887") or ("6238253") or ("4056764") or ("6005759") or ("6064372") or ("5323337") or ("5978805") or ("6600815") or ("4933845") | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/11/25 19:11 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| | | or ("6618644") or ("5982138") or ("4620767") or ("4934957") or ("5772468") or ("5108320") or ("5453027") or ("5865638") or ("3796124") or ("4280457") or ("4160916") or ("6356042") or ("6259170") or ("6081109") or ("6031368") or ("6211651") or ("6046514") or ("6531848") or ("4023882") or ("2000665") or ("6158000") or ("5745044") or ("5578915") or ("5592094") or ("6275008") or ("5872453") or ("5321627") or ("4949046") or ("4926330") or ("20020050163") or ("20030184262") or ("20040000891") or ("20040000590") or ("20040000893") or ("20040000913") or ("20040000915") or ("20040002824") or ("20040002825") or ("20040002836")).PN. | | | | |
| S29 | 10 | ((("6215275") or ("5831435") or ("6016047") or ("6449726") or ("20030184262")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/12/05 17:42 |
| S30 | 121 | battery and charg\$3 and display and (micro \$1processor or micro \$1computer or C\$1P\$1U\$1) and ((test\$3 or monitor\$3 or detect\$3 or sens\$3 or measur\$3) with battery) and ((test\$3 or detect\$3) with starter) and (vehicle or car or automobile) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 15:52 |
| S31 | 9 | ((("6885195") or ("6445158") or ("6351102") or ("6091245") or ("6051976")).PN. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2006/12/06 15:52 |

| | | | | | | |
|-----|----|---|-------------------------|----|-----|------------------|
| S32 | 38 | ((("5369364") or ("6016047") or ("6215275") or ("6449726") or ("6777945") or ("20030194672") or ("20030036909") or ("RE37677") or ("6091238") or ("5780974") or ("5912534") or ("5614788") or ("5661368") or ("5081565") or ("20040049361") or ("20040051533") or ("20040054503") or ("4926330") or ("4949046") or ("5321627") or ("5872453") or ("6037778") or ("6061638") or ("6275008") or ("6359442") or ("6384608") or ("6388448") or ("6396278") or ("6570385") or ("6629054") or ("D442503") or ("20020030495") or ("4352067") or ("4360780") or ("4723656") or ("4874679") or ("5432025") or ("5707015")).PN. | US-PPGPUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |
| S33 | 37 | ((("2514745") or ("3593099") or ("3607673") or ("3676770") or ("3729988") or ("3753094") or ("3808522") or ("3811089") or ("3873911") or ("3886443") or ("3889248") or ("3906329") or ("3909708") or ("3936744") or ("3946299") or ("3947757") or ("3969667") or ("3979664") or ("3984762") or ("3984768") or ("4008619") or ("4053824") or ("4070624") or ("4086531") or ("4112351") or ("4114083") or ("4126874") or ("4178546") or ("4193025") or ("4207611") or ("4315204") or ("4316185") or ("4322685") or ("4363407") or ("4369407") or ("4412169")).PN. | US-PPGPUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| S34 | 67 | ((("4390828") or ("4392101") or ("4396880") or ("4408157") or ("4423378") or ("4423379") or ("4424491") or ("4459548") or ("4514694") or ("4520353") or ("4667279") or ("4678998") or ("4679000") or ("4697134") or ("4707795") or ("4709202") or ("4710861") or ("4719428") or ("4743855") or ("4816768") or ("4820966") or ("4825170") or ("4849700") or ("4881038") or ("4912416") or ("4929931") or ("4931738") or ("4947124") or ("4956597") or ("4968941") or ("5004979") or ("5032825") or ("5047722") or ("5087881") or ("5126675") or ("5140269") or ("5144248") or ("5170124") or ("5204611") or ("5214370") or ("5214385") or ("5241275") or ("5254952") or ("5281919") or ("5281920") or ("5295078") or ("5298797") or ("5300874") or ("5302902") or ("5331268") or ("5336993") or ("5352968") or ("5343380") or ("5365160") or ("5365453") or ("5381096") or ("5426371") or ("5432426") or ("5434495") or ("5442274") or ("5457377") or ("5449996") or ("5449997") or ("5485090") or ("5519383") or ("5528148") or ("5550485") or ("5561380")).PN. | US-PPGUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |
|-----|----|---|------------------------|----|-----|------------------|

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| S35 | 57 | ("5562501") or ("5572136") or ("5574355") or ("5585728") or ("5592093") or ("5596260") or ("5598098") or ("5602462") or ("5606242") or ("5621298") or ("5642031") or ("5650937") or ("5652501") or ("5675234") or ("5677077") or ("5699050") or ("5701089") or ("5717336") or ("5757192") or ("5773978") or ("5789899") or ("5793359") or ("5821756") or ("5831435") or ("5872443") or ("5914605") or ("5945829") or ("3356936") or ("5488300") or ("6002238") or ("6037777") or ("6051976") or ("6081098") or ("6091245") or ("6104167") or ("6137269") or ("3562634") or ("4379990") or ("5144218") or ("5315287") or ("5469043") or ("5546317") or ("5583416") or ("5589757") or ("5656920") or ("5710503") or ("5760587") or ("5808469") or ("6008652") or ("6009369") or ("6031354") or ("6037751") or ("6072299") or ("6094033") or ("6163156") or ("6172483") or ("6172505").PN. | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |
| S36 | 74 | ("3989544") or ("4745349") or ("4876495") or ("4937528") or ("4968942") or ("5179335") or ("5266880") or ("5451881") or ("5705929") or ("5717937") or ("5862515") or ("5895440") or ("5929609") or ("6072300") or ("4659977") or ("4913116") or ("5160881") or ("5338515") or ("5537967") or ("5548273") or ("5747909") or ("6114834") or ("6150793") or ("3876931") or ("5347163") or ("5939861") or ("5339018") or ("5412323") or ("5426416") | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| | | or ("5825174") or ("5939855") or ("5254952") or ("4217645") or ("4633418") or ("5321626") or ("5969625") or ("6222369") or ("6225808") or ("6249124") or ("6259254") or ("6262563") or ("6294896") or ("6294897") or ("4379989") or ("4680528") or ("5633985") or ("5739667") or ("4024953") or ("6250973") or ("6254438") or ("6304087") or ("6310481") or ("6313607") or ("6313608") or ("6316914") or ("5435185") or ("5445026") or ("4667143") or ("4847547") or ("5574355") or ("4663580") or ("6323650") or ("6329793") or ("6331762") or ("6332113") or ("4297639") or ("5653659") or ("6161640") or ("4351405") or ("6359441") or ("4047091") or ("5653659") or ("5637978") or ("5095223") or ("5194799") or ("5754417")).PN. | | | | |
| S37 | 51 | ((("5818234") or ("6140797") or ("6181545") or ("6346795") or ("6347958") or ("6351102") or ("6359441") or ("6363303") or ("5037778") or ("6144185") or ("5711648") or ("5927938") or ("5951229") or ("5961561") or ("5961604") or ("6236332") or ("6351102") or ("5821757") or ("6167349") or ("4665370") or ("4361809") or ("6392414") or ("6417669") or ("6424158") or ("6441585") or ("6445158") or ("6384608") or ("6388448") or ("6307349") or ("6411098") or ("6456045") or ("6466025") or ("6466026") or ("4564798") or ("5563496") or ("5796239") or ("4888716") or ("6495990") or ("4385269") or | US-PGPUB; USPAT; USOOR | OR | OFF | 2006/12/06 15:52 |

| | | | | | | |
|-----|----|---|------------------------|----|-----|------------------|
| | | (("4686442") or ("6061638") or ("6359442") or ("5541489") or ("6424157") or ("6534993") or ("6544078") or ("6556019") or ("6566883") or ("6586941") or ("6597150") or ("20020171428") or ("6263268")).PN. | | | | |
| S38 | 70 | (("5410754") or ("5654623") or ("6055468") or ("20030025481") or ("5313152") or ("20030184306") or ("20040000891") or ("3750011") or ("5159272") or ("5325041") or ("6526361") or ("6667624") or ("20020010558") or ("20020176010") or ("3652341") or ("5747967") or ("6628011") or ("5780980") or ("5412308") or ("6222342") or ("6679212") or ("5850113") or ("6242887") or ("6238253") or ("4056764") or ("6005759") or ("6064372") or ("5323337") or ("5978805") or ("6600815") or ("4933845") or ("6618644") or ("5982138") or ("4620767") or ("4934957") or ("5772468") or ("5108320") or ("5453027") or ("5865638") or ("3796124") or ("4280457") or ("4160916") or ("6356042") or ("6259170") or ("6081109") or ("6031368") or ("6211651") or ("6046514") or ("6531848") or ("4023882") or ("2000665") or ("6158000") or ("5745044") or ("5578915") or ("5592094") or ("6275008") or ("5872453") or ("5321627") or ("4949046") or ("4926330") or ("20020050163") or ("20030184262") or ("20040000891") or ("20040000590") or ("20040000893") or ("20040000913") or ("20040000915") or | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/06 15:52 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| | | ("20040002824") or ("20040002825") or ("20040002836").PN. | | | | |
| S39 | 10 | ("6215275") or ("5831435") or ("6016047") or ("6449726") or ("20030184262").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/06 15:52 |
| S40 | 18 | (S31 or S34 or S33 or S32 or S36 or S37 or S38 or S35 or S39) and S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/06 15:55 |
| S41 | 56 | ("4937528" "5321627" "5381096" "5404106" "5635842" "5672951" "5680050" "5705929" "5721688" "5744962" "5751217" "5761072" "5828218" "5900734" "6091228" "6097193").PN. OR ("6424157").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 19:03 |
| S42 | 30 | ("4178546" "4926330" "4967143" "5181858" "5281919" "5649001" "6172505" "6351102").PN. OR ("6570385").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 19:04 |
| S43 | 107 | ("2084086" "3848181" "3876931" "4295097" "4352067" "4423379" "4459548" "4613822" "4767977" "4816768" "4914383" "4929931").PN. OR ("5254952").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/06 19:04 |
| S44 | 606 | (324/427).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/12/06 19:19 |
| S45 | 16 | (US-20050017726-\$ or US-20040054503-\$).did. or (US-6051976-\$ or US-5426371-\$ or US-6445158-\$ or US-6351102-\$ or US-5450321-\$ or US-6424157-\$ or US-5831435-\$ or US-6215275-\$ or US-6777945-\$ or US-6570385-\$ or US-5254952-\$ or US-6363303-\$ or US-5701089-\$ or US-D354244-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:45 |

| | | | | | | |
|-----|----|--|--|----|-----|------------------|
| S47 | 1 | S45 and display and (micro \$1processor or micro \$1computer or CS1\$1U\$1 or micro\$1controller) and battery and starter and (charging with system) and (rating or CCA or crank\$3) and (conductance or resistance or impedance or admittance) and (good or full \$1) and re\$1charge and (bad or replace) and load and temperature | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:52 |
| S48 | 10 | S45 and display and (micro \$1processor or micro \$1computer or CS1\$1U\$1 or micro\$1controller) and battery and starter and (charging with system) and (rating or CCA or crank\$3) and (conductance or resistance or impedance or admittance) and load and temperature | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:52 |
| S49 | 2 | S48 and (idle or quiescent) and (surface with charge) | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:54 |
| S50 | 8 | S48 and ripple | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:56 |
| S51 | 9 | S48 and (idle or quiescent) | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:59 |
| S52 | 2 | S48 and (surface with charge) | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:55 |
| S53 | 8 | S50 and S51 | US-PGPUB; USPAT | OR | ON | 2006/12/07 11:55 |
| S54 | 6 | S51 and (portable or hand \$1held) | US-PGPUB; USPAT | OR | ON | 2006/12/07 12:02 |
| S55 | 30 | (("4178546" "4926330" "4967143" "5181858" "5281919" "5649001" "6172505" "6351102").PN. OR ("6570385").URPN. | US-PGPUB; USPAT; USOOCR | OR | ON | 2006/12/07 12:01 |
| S56 | 6 | S54 and ripple | US-PGPUB; USPAT | OR | ON | 2006/12/07 12:02 |
| S57 | 5 | ((("6885195") or ("6445158") or ("6351102") or ("6091245") or ("6051976")).PN. | US-PGPUB; USPAT; USOOCR | OR | OFF | 2006/12/07 12:46 |
| S58 | 2 | S57 and (display and microprocessor and starter and (charging with system))".clm" | US-PGPUB; USPAT; USOOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/07 12:47 |

| | | | | | | |
|-----|-------|--|---|----|----|------------------|
| S59 | 0 | battery and (micro \$1processor or micro \$1computer or CS1P\$1U\$1) and charg\$3 and (temperature with input with user) and ((AC or (alternating with current)) with ripple with voltage) and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) and (head \$1lights with (prompt or command or notify) with ((switch or turn) with on)) and (print\$3 with output) and (diode with ripple with voltage) and ((measur\$3 or detect\$3 or sens\$3 or determin\$3 or monitor\$3) with ((AC and DC) with voltage)) and (amplifier with battery with capacitor) and (voltage with (scaling or scaled or scale)) and ((diesel with engine) same ((glow with plug) with (warm\$1up or warm or heat\$1up or heat))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:25 |
| S60 | 1 | battery and (micro \$1processor or micro \$1computer or CS1P\$1U\$1) and charg\$3 and (temperature with input with user) and ((AC or (alternating with current)) with ripple with voltage) and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:28 |
| S61 | 46624 | battery and (micro \$1processor or micro \$1computer or CS1P\$1U\$1) and charg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:31 |
| S62 | 4895 | S61 and ("320"/\$.cdls. or "324"/\$.cdls. or "364"/\$.cdls. or "307"/\$.cdls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:32 |
| S63 | 7 | S62 and ((AC or (alternating with current)) with ripple with voltage) and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:34 |

| | | | | | | |
|-----|-----|--|---|----|-----|------------------|
| S64 | 6 | S63 and ((measur\$3 or detect\$3 or sens\$3 or determin\$3 or monitor\$3) with ((AC and DC) with voltage)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:33 |
| S65 | 29 | S62 and ((AC or (alternating with current)) with ripple with voltage) and ((measur\$3 or detect\$3 or sens\$3 or determin\$3 or monitor\$3) with ((AC and DC) with voltage)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 13:45 |
| S66 | 49 | S62 and (temperature with input with user) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 14:49 |
| S67 | 93 | S62 and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 14:50 |
| S68 | 7 | S67 and ((glow with plug) or (diesel with engine)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 14:53 |
| S69 | 109 | S62 and ((glow with plug) or (diesel with engine)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 14:53 |
| S70 | 9 | S62 and ((glow with plug) or glow\$1plug or (diesel with engine)) and ((warm\$1up or (warm with up)) same (indicat\$3 or detect\$3 or wait\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/12/14 14:55 |
| S71 | 391 | (320/104).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/23 10:05 |
| S72 | 795 | (320/132).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/23 10:05 |
| S73 | 610 | (324/427).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/23 10:05 |
| S74 | 98 | (S71 or S72 or S73) and @pd> "20061124" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S75 | 137 | battery and charg\$3 and display and (micro \$1processor or micro \$1computer or C\$1P\$1U\$1) and ((test\$3 or monitor\$3 or detect\$3 or sens\$3 or measur\$3) with battery) and ((test\$3 or detect\$3) with starter) and (vehicle or car or automobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |
| S76 | 50869 | battery and (micro \$1processor or micro \$1computer or C\$1P\$1U\$1) and charg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |
| S77 | 5199 | S76 and ("320"/\$.cls. or "324"/\$.cls. or "364"/\$.cls. or "307"/\$.cls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |
| S78 | 95 | S77 and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |
| S79 | 18 | (S75 or S78) and @pd> "20061124" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/23 10:08 |
| S80 | 414 | (320/104).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/09 22:00 |
| S81 | 839 | (320/132).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/09 22:00 |
| S82 | 610 | (324/427).OCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/09 22:00 |
| S83 | 165 | (S80 or S81 or S82) and @pd> "20061124" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:01 |
| S84 | 144 | battery and charg\$3 and display and (micro \$1processor or micro \$1computer or C\$1P\$1U\$1) and ((test\$3 or monitor\$3 or detect\$3 or sens\$3 or measur\$3) with battery) and ((test\$3 or detect\$3) with starter) and (vehicle or car or automobile) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |

| | | | | | | |
|-----|-------|--|---|----|-----|------------------|
| S85 | 53633 | battery and (micro \$1processor or micro \$1computer or CS1PS1U\$1) and charg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |
| S86 | 5434 | S85 and ("320"/\$.cds. or "324"/\$.cds. or "364"/\$.cds. or "307"/\$.cds.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |
| S87 | 97 | S86 and (surface with charge with (sens\$3 or determin\$5 or measur\$3 or detect\$3 or monitor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |
| S88 | 26 | (S84 or S87) and @pd> "20061124" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |
| S89 | 75 | (S83 or S88) and @pd> = "20070723" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/09 22:00 |
| S90 | 27 | ((("20040054503") or ("20040051533") or ("20030088375") or ("5,425,041") or ("20040000891") or ("5,508,599") or ("6,320,351") or ("5,402,007") or ("6,529,723") or ("20020041175") or ("6,! 77,737") or ("5,684,678")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/06/09 09:33 |
| S91 | 24 | ((("20040054503") or ("20040051533") or ("20030088375") or ("5,425,041") or ("20040000891") or ("5,508,599") or ("6,320,351") or ("5,402,007") or ("6,529,723") or ("20020041175") or ("6,177,737") or ("5,684,678")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/06/09 09:33 |

| | | | | | | |
|-----|----|--|----------------------------|----|-----|---------------------|
| S92 | 77 | ("4,969,834") or ("4,983,086") or ("4,781,629") or ("4,932,905") or ("4,521,498") or ("6,500,025") or ("4,057,313") or ("3,850,490") or ("6,850,037") or ("6,469,511") or ("6,871,151") or ("6,271,643") or ("6,100,670") or ("5,357,519") or ("6,623,314") or ("4,106,025") or ("6,850,037") or ("6,871,151") or ("6,885,195") or ("6,545,599") or ("6,738,697") or ("4,901,007") or ("20030088375") or ("5,034,893") or ("5,504,674") or ("5,402,007") or ("6,529,723") or ("6,888,468") or ("6,891,378") or ("6,906,522") or ("6,906,523") or ("6,909,287") or ("6,913,463") or ("6,914,413") or ("6,919,725") or ("6,930,485") or ("6,941,234") or ("6,686,542") or ("5,130,658") or ("20040002836") or ("5,903,716") or ("3,267,452") or ("4,907,176") or ("5,168,208") or ("6,904,796") or ("6,906,624") or ("20040145342") or ("20040113588") or ("20050254106") or ("20030169018") or ("6,087,815") or ("6,113,262") or ("6,407,554") or ("6,477,478") or ("6,532,425") or ("6,740,990") or ("6,784,635") or ("7,119,686") or | US-PPGPUB; USPAT; USOOR | OR | OFF | 2009/03/31 18:38 |
|-----|----|--|----------------------------|----|-----|---------------------|

| | | | | | | |
|-----|----|--|---------------------------|----|-----|---------------------|
| | | ("4,637,359") or ("6,037,749") or ("5,744,962") or ("5,747,189") or ("20040178185") or ("6,842,707") or ("6,621,272") or ("6,633,165") or ("20040044452") or ("20060089767") or ("6,037,745") or ("6,164,063") or ("20050043868") or ("20060030980") or ("20020004694") or ("6,745,153") or ("6,611,740") or ("20040239332") or ("20050256617") or ("20050182536")).PN. | | | | |
| S93 | 81 | ("5,820,407") or ("6,796,841") or ("6,696,819") or ("6,788,025") or ("6,805,090") or ("4,773,011") or ("5,778,326") or ("5,832,396") or ("5,883,306") or ("5,946,605") or ("20030187556") or ("20030214395") or ("20050102073") or ("20060217914") or ("5,585,416") or ("5,871,858") or ("6,377,031") or ("6,437,957") or ("6,465,908") or ("6,497,209") or ("6,507,196") or ("6,635,974") or ("6,736,941") or ("7,744,149") or ("6,933,727") or ("6,967,484") or ("6,998,847") or ("7,003,410") or ("7,003,411") or ("7,012,433") or ("7,058,525") or ("7,081,755") or ("7,106,070") or ("7,116,109") or ("7,126,341") or ("2,417,940") or ("2,727,221") or ("3,178,686") or | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/03/31 18:42 |

| | | | | | | |
|-----|----|--|-----------------|----|----|------------------|
| | | ("3,223,969") or ("5,109,213") or ("5,573,611") or ("6,218,936") or ("6,271,748") or ("20020044050") or ("20030009270") or ("6,505,507") or ("6,707,303") or ("6,737,831") or ("6,759,849") or ("6,781,382") or ("6,795,782") or ("6,806,716") or ("5,459,660") or ("6,599,243") or ("20040032264") or ("6,624,635") or ("7,272,519") or ("7,129,706") or ("6,456,036") or ("20040227523") or ("20050017726") or ("5,194,799") or ("4,901,007") or ("3,906,329") or ("5,561,380") or ("5,955,951") or ("6,005,489") or ("6,147,598") or ("20020118111") or ("6,536,536") or ("6,614,349") or ("20030212311") or ("20050021294") or ("6,845,279") or ("20050025299") or ("20050128083") or ("20050159847") or ("20050173142")).PN. | | | | |
| S94 | 22 | US-20050017726-\$ or US-20040054503-\$ or US-20040051533-\$).did. or (US-5450321-\$ or US-6570385-\$ or US-6037749-\$ or US-6215275-\$ or US-6363303-\$ or US-D354244-\$ or US-4876513-\$ or US-6114833-\$ or US-4637359-\$ or US-6445158-\$ or US-6351102-\$ or US-6777945-\$ or US-5831435-\$ or US-6424157-\$ or US-6051976-\$ or US-5254952-\$ or US-5701089-\$ or US-5426371-\$ or US-5402007-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/06/05 17:01 |

| | | | | | | |
|------|-----|--|---|----|----|------------------|
| S95 | 6 | S94 and (start\$3 near4 voltage) and (crank\$3 near4 voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:04 |
| S96 | 5 | S94 and (start\$3 near4 voltage) with low and (crank \$3 near4 voltage) with low | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:04 |
| S97 | 5 | S94 and (start\$3 near4 voltage) with low same battery and (crank\$3 near4 voltage) with low same battery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:05 |
| S98 | 5 | S94 and (start\$3 near4 voltage) with low same battery with (voltage or capacity or low or fully) and (crank\$3 near4 voltage) with low same battery with (voltage or capacity or low or fully) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:05 |
| S99 | 3 | S98 and (alert or warn or display) with low | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:06 |
| S100 | 1 | S94 and (start\$3 near4 voltage) with low same battery with discharged and (crank\$3 near4 voltage) with low same battery with charged | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:13 |
| S101 | 292 | ("2514745" "3356936" "3562634" "3593099" "3607673" "3676770" "3729989" "3753094" "3808522" "3811089" "3873911" "3876931" "3886443" "3889248" "3906329" "3909708" "3936744" "3946299" "3947757" "3969667" "3979664" "3984762" "3984768" "3989544" "4008619" "4024953" "4053824" "4070624" "4086531" "4112351" "4114083" "4126874" "4178546" "4193025" "4207611" "4217645" "4315204" "4316185" "4322685" "4363407" "4369407" "4379990" "4390828" "4392101" "4396880" "4408157" "4412169" "4423378" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/06/05 17:21 |

| | |
|------------|-----------|
| "4423379" | "4424491" |
| "4459548" | "4516949" |
| "4520353" | "4633418" |
| "4659977" | "4667279" |
| "4678998" | "4679000" |
| "4697134" | "4707795" |
| "4709202" | "4710861" |
| "4719428" | "4743855" |
| "4745349" | "4816756" |
| "4816768" | "4820966" |
| "4825170" | "4849700" |
| "4876495" | "4881038" |
| "4912416" | "4913116" |
| "4929931" | "4931738" |
| "4937528" | "4947124" |
| "4956597" | "4968941" |
| "4968942" | "5004979" |
| "5032825" | "5047722" |
| "5087881" | "5126675" |
| "5140269" | "5144218" |
| "5144248" | "5160881" |
| "5170124" | "5179335" |
| "5204611" | "5214370" |
| "5214385" | "5241275" |
| "5254952" | "5266880" |
| "5281919" | "5281920" |
| "5295078" | "5298797" |
| "5300874" | "5302902" |
| "5315287" | "5321626" |
| "5331268" | "5336993" |
| "5338515" | "5339018" |
| "5343380" | "5347163" |
| "5352968" | "5365160" |
| "5365453" | "5381096" |
| "5412323" | "5426371" |
| "5426416" | "5432426" |
| "5434495" | "5442274" |
| "5449996" | "5449997" |
| "5451881") | PN. OR |
| "5457377" | "5469043" |
| "5485090" | "5488300" |
| "5519383" | "5528148" |
| "5537967" | "5546317" |
| "5548273" | "5550485" |
| "5561380" | "5562501" |
| "5572136" | "5574355" |
| "5583416" | "5585728" |
| "5589757" | "5592093" |
| "5596260" | "5598098" |
| "5602462" | "5606242" |
| "5621298" | "5642031" |
| "5650937" | "5652501" |
| "5656920" | "5675234" |
| "5677077" | "5699050" |
| "5701089" | "5705929" |
| "5710503" | "5717336" |
| "5717937" | "5747909" |
| "5757192" | "5760587" |

| | | | | | | |
|------|-----|--|---|----|----|------------------|
| | | "5773978" "5789899" "5793359" "5808469" "5821756" "5825174" "5831435" "5862515" "5872443" "5895440" "5914605" "5929609" "5939855" "5939861" "5945829" "5969625" "6002238" "6008652" "6009369" "6031354" "6037751" "6037777" "6051976" "6072299" "6072300" "6081098" "6091245" "6094033" "6104167" "6114834" "6137269" "6150793" "6163156" "6172483" "6172505" "6250973" "6254438" "6304087" "6310481" "6313607" "6313608" "6316914").PN. OR ("6351102").URPN. | | | | |
| S102 | 0 | S101 and (start\$3 near4 voltage) with low same battery with discharged and (crank\$3 near4 voltage) with low same battery with charged | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:22 |
| S103 | 2 | (start\$3 near4 voltage) with low same battery with discharged and (crank\$3 near4 voltage) with low same battery with charged | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:23 |
| S104 | 18 | (start\$3 near4 voltage) with low same battery with (message or alert or alarm or display) and (crank\$3 near4 voltage) with low same battery with (message or alert or alarm or display) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 17:39 |
| S105 | 1 | bertness-kevin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 19:00 |
| S106 | 10 | troy-michael.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 19:00 |
| S107 | 199 | bertness-kevin.\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 19:00 |

| | | | | | | |
|------|----|---------------------|--|----|----|---------------------|
| S108 | 13 | troy-michael\$-.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 19:01 |
| S109 | 7 | S107 and S108 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/06/05 19:01 |

EAST Search History (Interference)

< This search history is empty>

2/ 26/ 2011 10:38:10 PM

C:\ Documents and Settings\ apiggush\ My Documents\ EAST\ Workspaces\ 10791141.wsp